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SERIAL NO. 10/762,854

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Gary A. Frazier  
Serial No.: 10/762,854  
Filed: January 21, 2004  
Group No.: 2819  
Examiner: Khai M. Nguyen  
Notice of Allowance Mailed: October 22, 2004  
Confirmation No.: 5944  
Title: METHOD AND APPARATUS FOR HIGH-SPEED  
QUANTIZATION USING RESONANT TUNNELING  
TECHNOLOGY

**Mail Stop ISSUE FEE**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

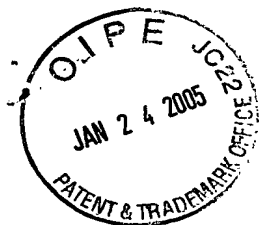
Dear Sir:

**CERTIFICATE OF MAILING BY EXPRESS MAIL**

I hereby certify that the attached Issue Fee Transmittal (PTOL-85) (one (1) page) and Response to Reasons for Allowance (one (1) page) are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on this 24th day of January 2005 addressed to Mail Stop ISSUE FEE, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*Willie Jiles*  
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Willie Jiles

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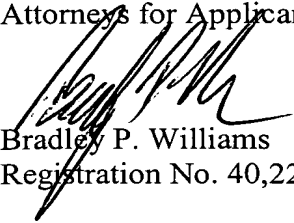
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Dear Sir:

**RESPONSE TO REASONS FOR ALLOWANCE**

Applicant appreciates the Examiner's allowance of Claims 1-14. Pursuant to 37 C.F.R. § 1.104, Applicant respectfully issues a statement commenting on the Examiner's reasons for allowance. Applicant respectfully disagrees with the Examiner's reasons for allowance to the extent that they are inconsistent with applicable case law, statutes, and regulations. Furthermore, Applicant does not admit to any characterization or limitation of the claims or to any characterization of a reference by the Examiner, particularly any that are inconsistent with the language of the claims considered in their entirety and including all of their constituent limitations.

Respectfully submitted,  
BAKER BOTTS L.L.P.  
Attorneys for Applicant

  
Bradley P. Williams  
Registration No. 40,227

Date: 1/24/05  
Attorney Docket No.: 004578.1375  
**CUSTOMER NO. 45507**